

Fig. 1

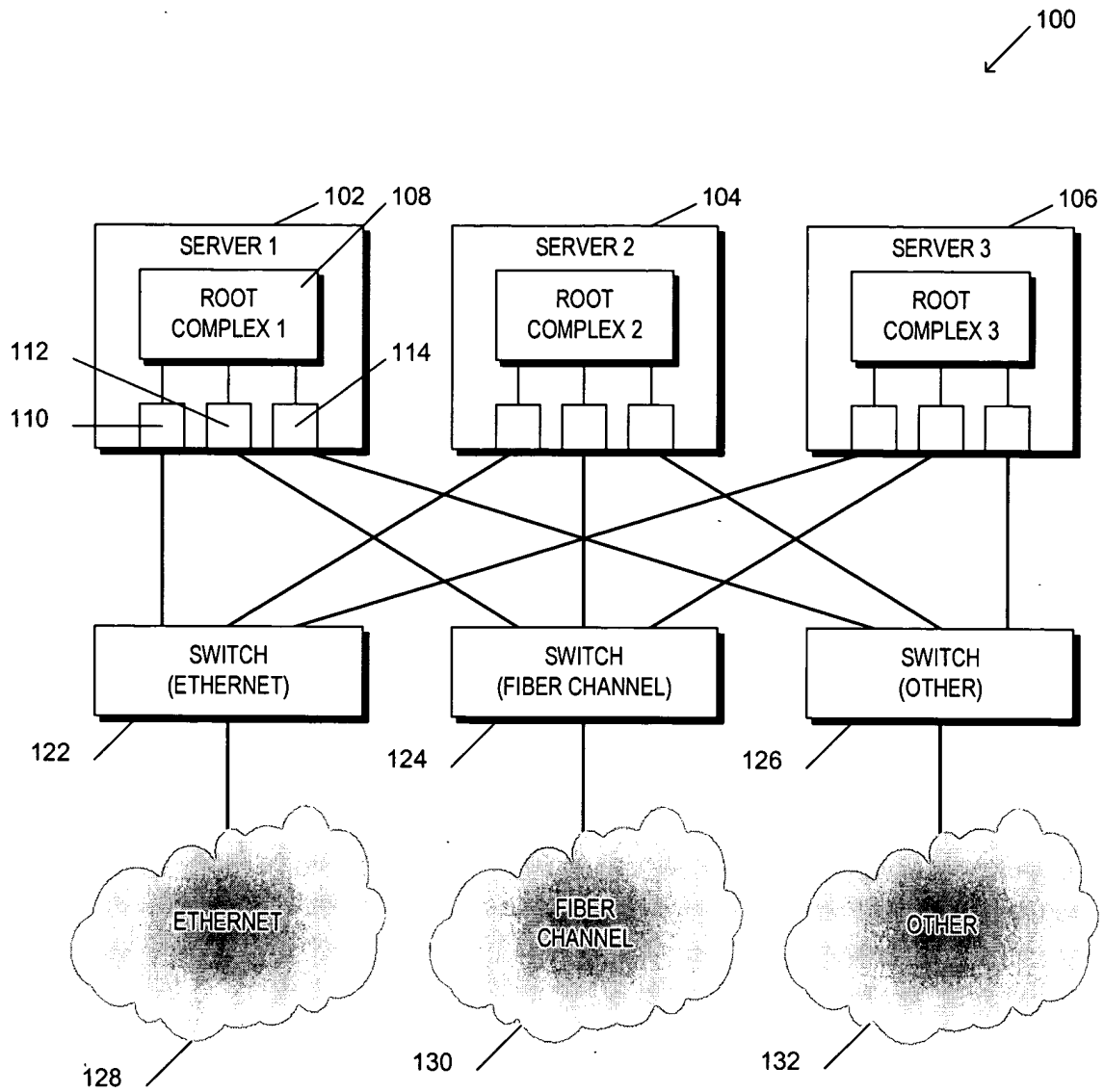


Fig. 2A

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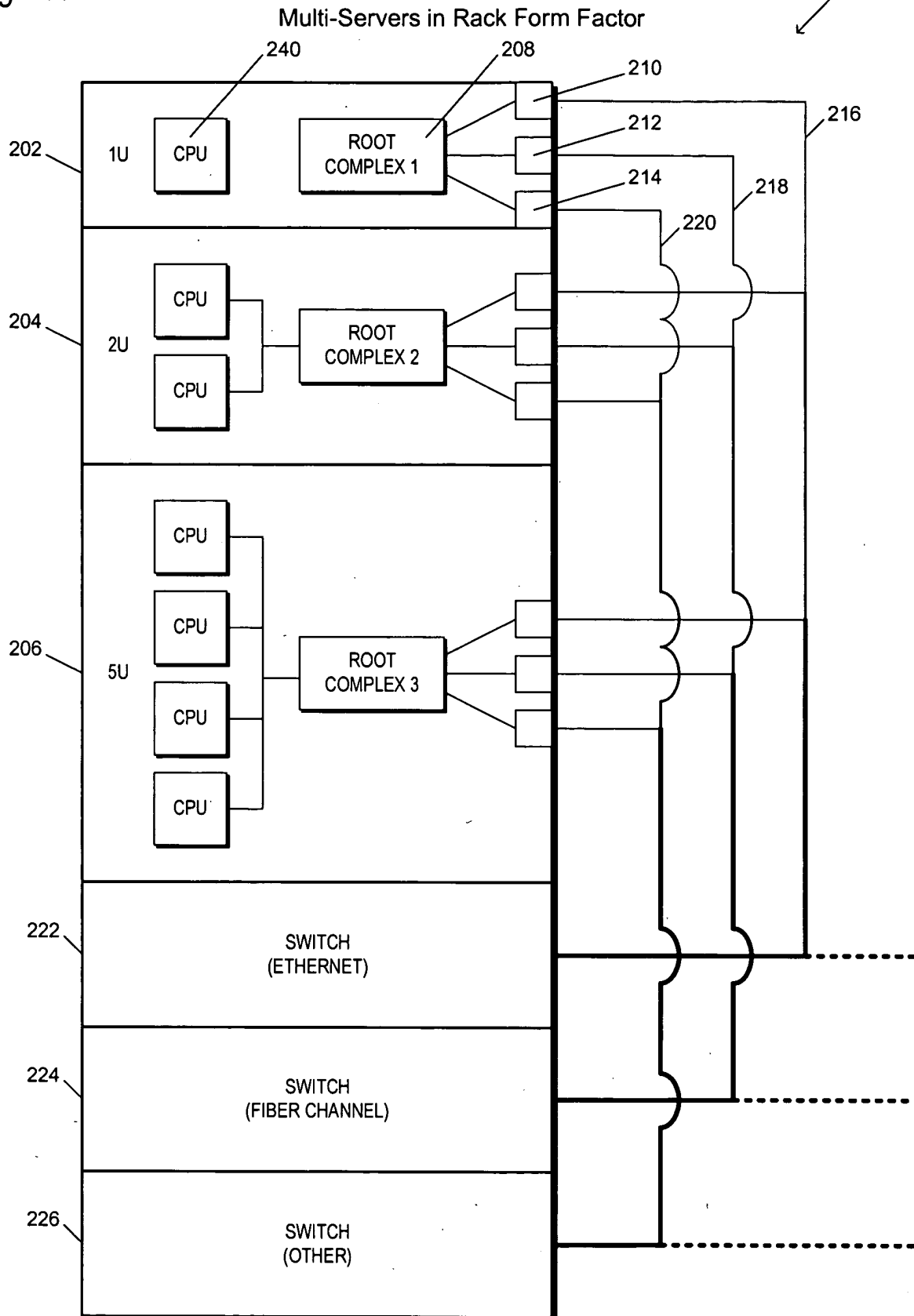


Fig. 2B

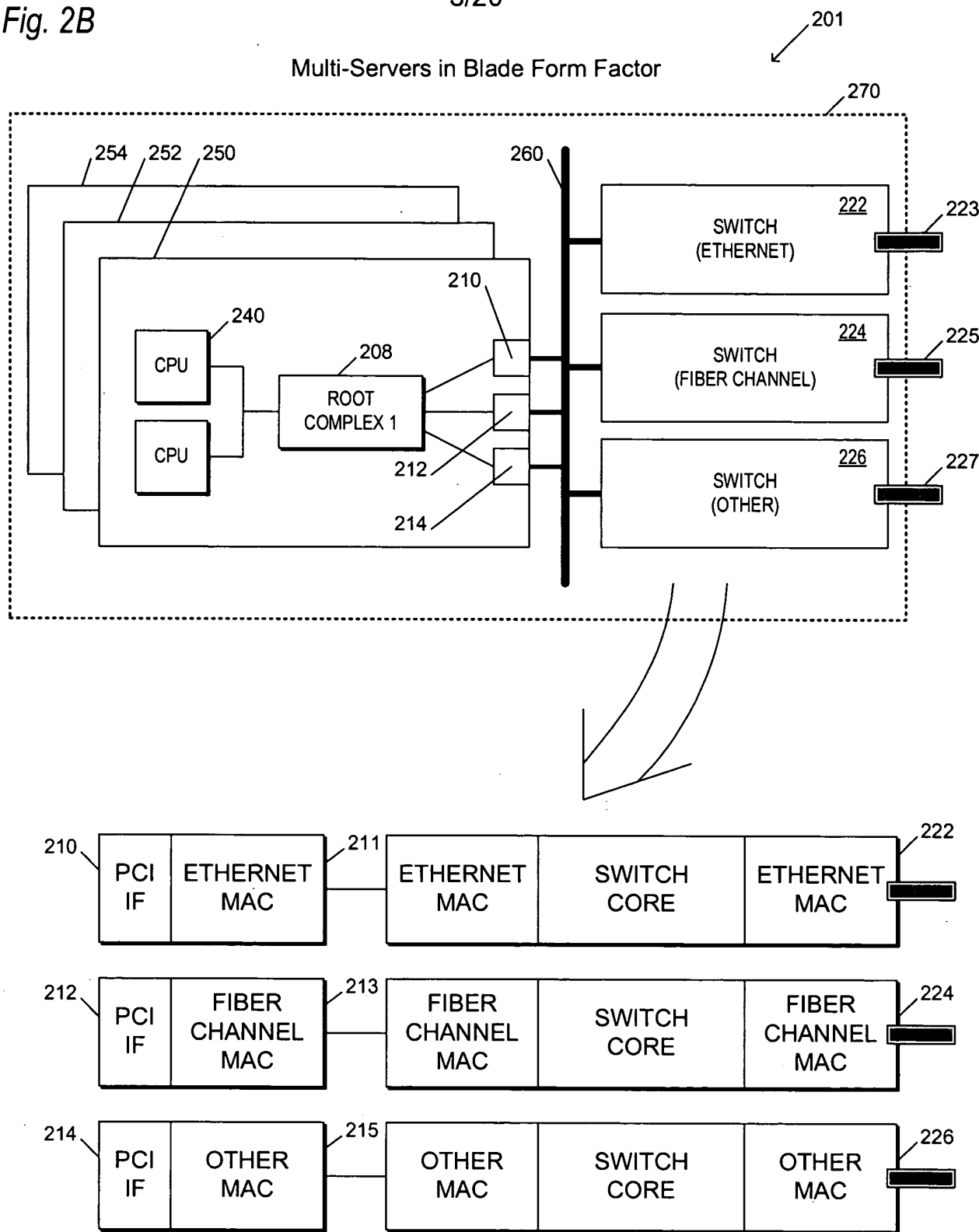


Fig. 2C

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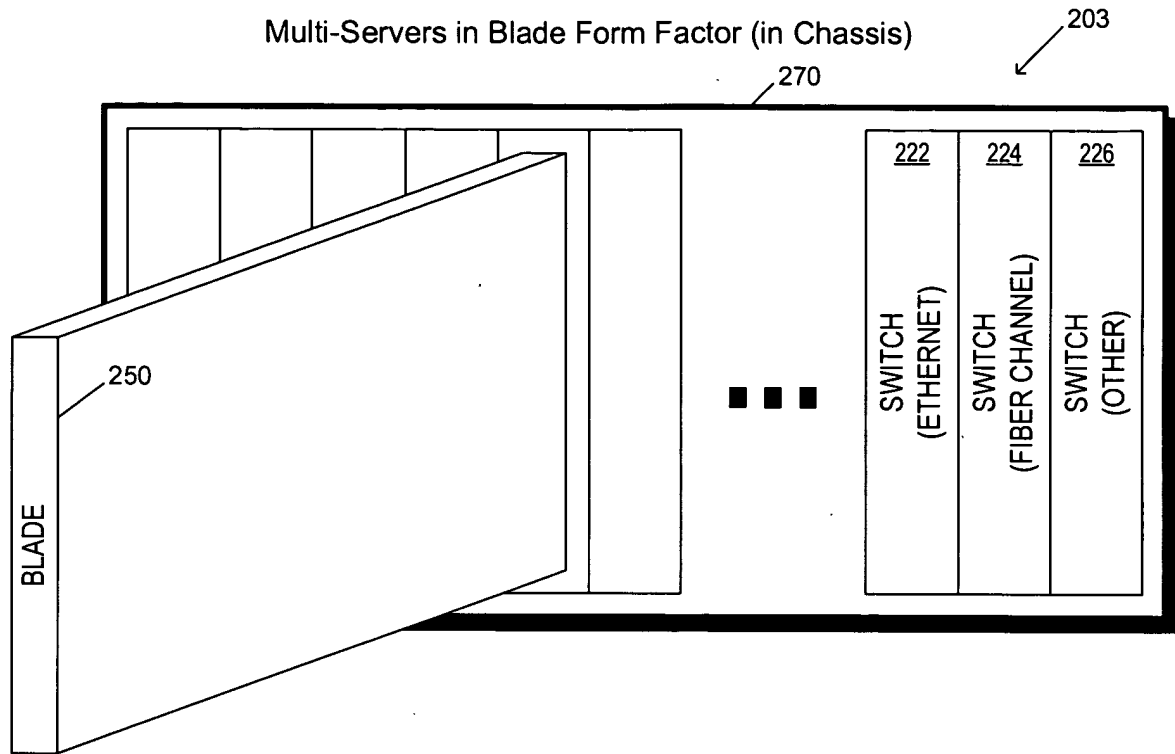


Fig. 3

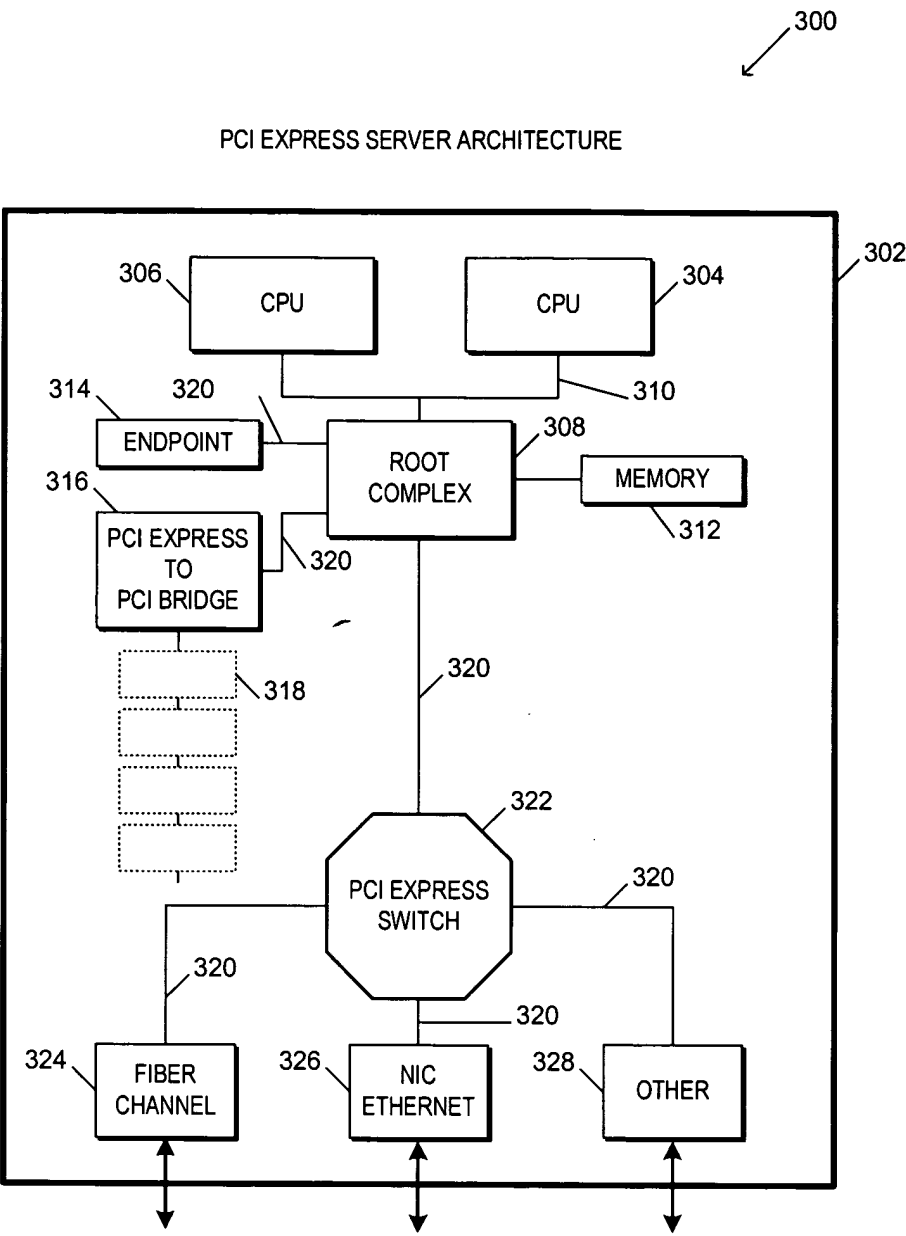




Fig. 5

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500

# MULTI-OPERATING SYSTEMS WITH SHARED I/O

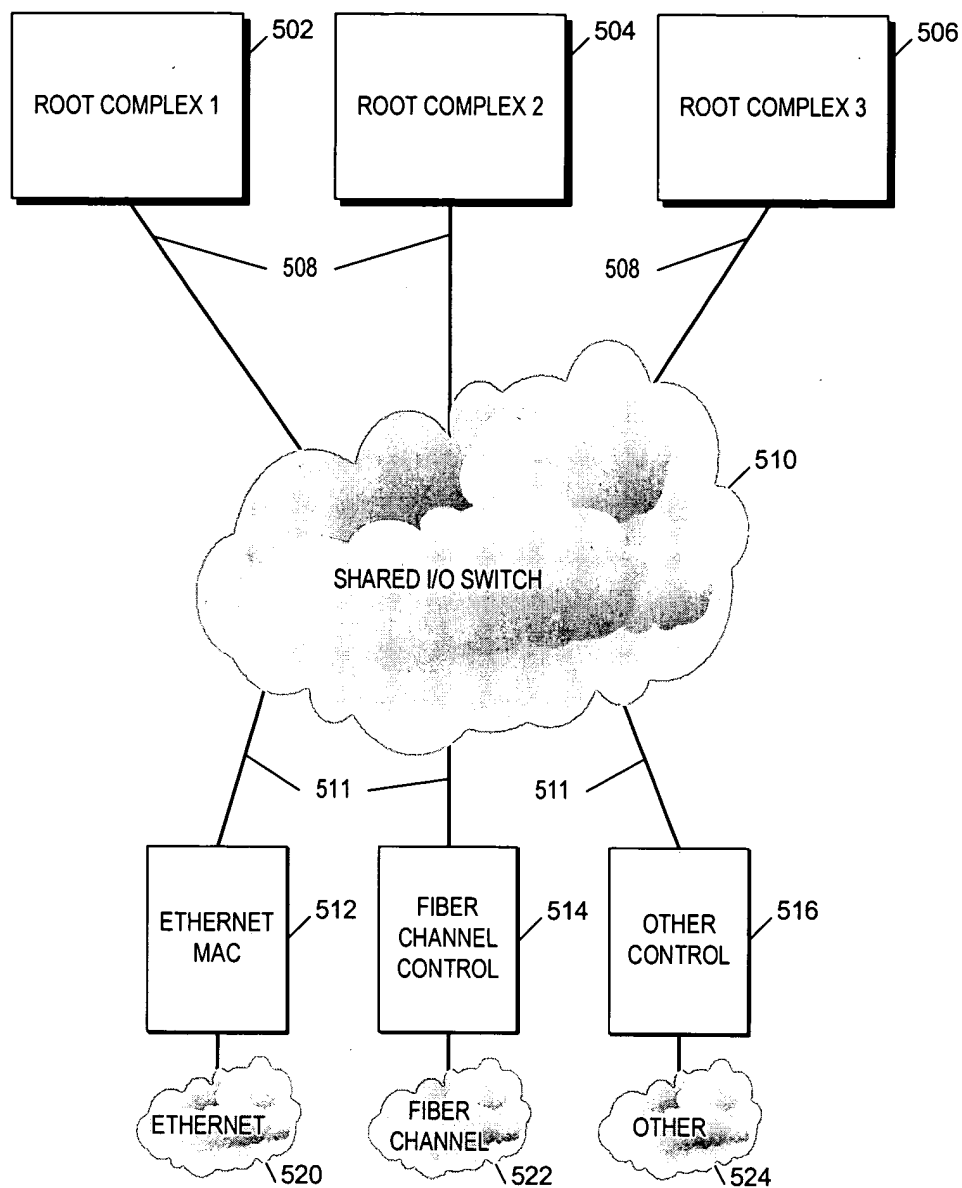


Fig. 6

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MULTI-OPERATING SYSTEMS WITH SHARED ETHERNET CONTROLLER

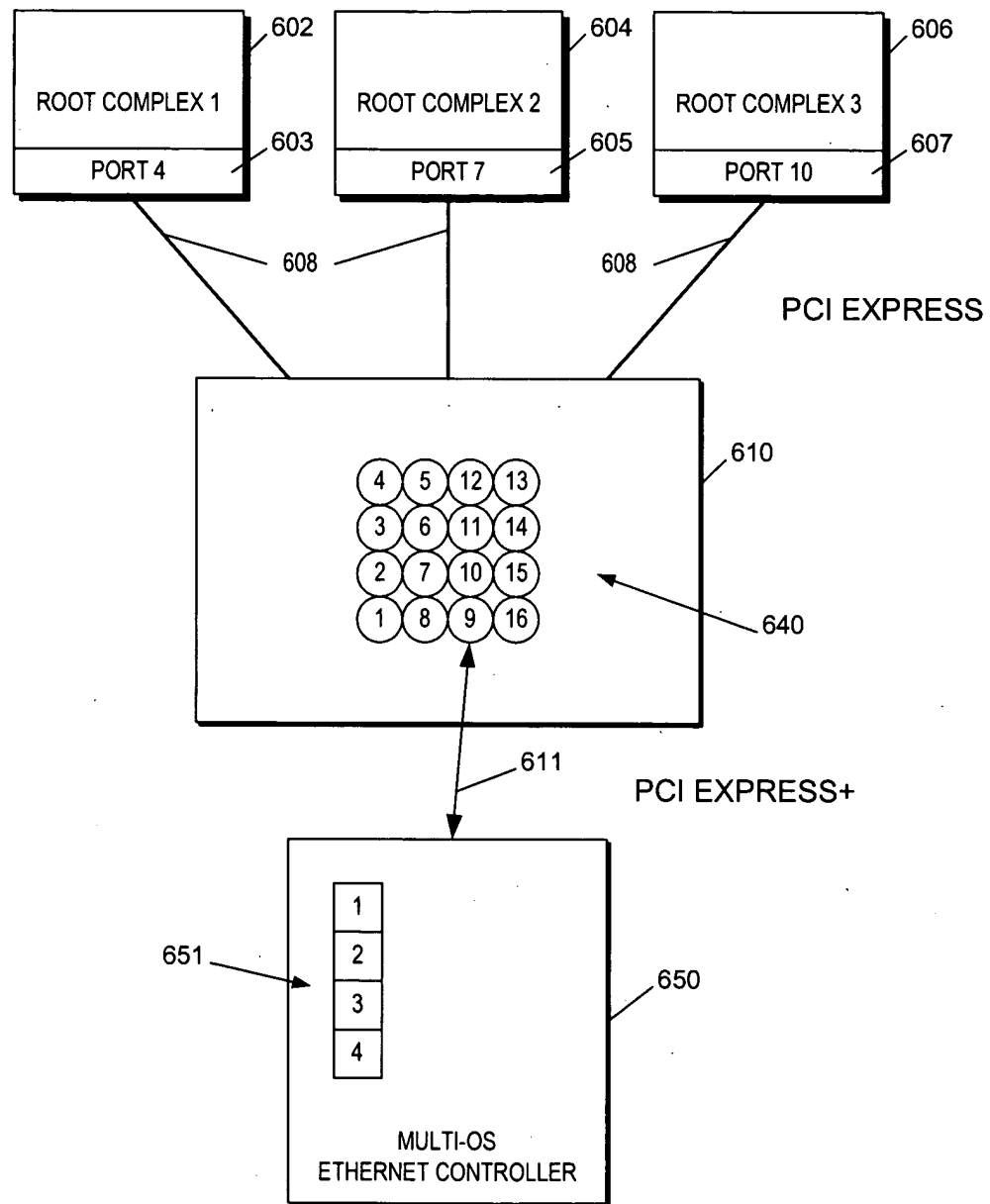




Fig. 7

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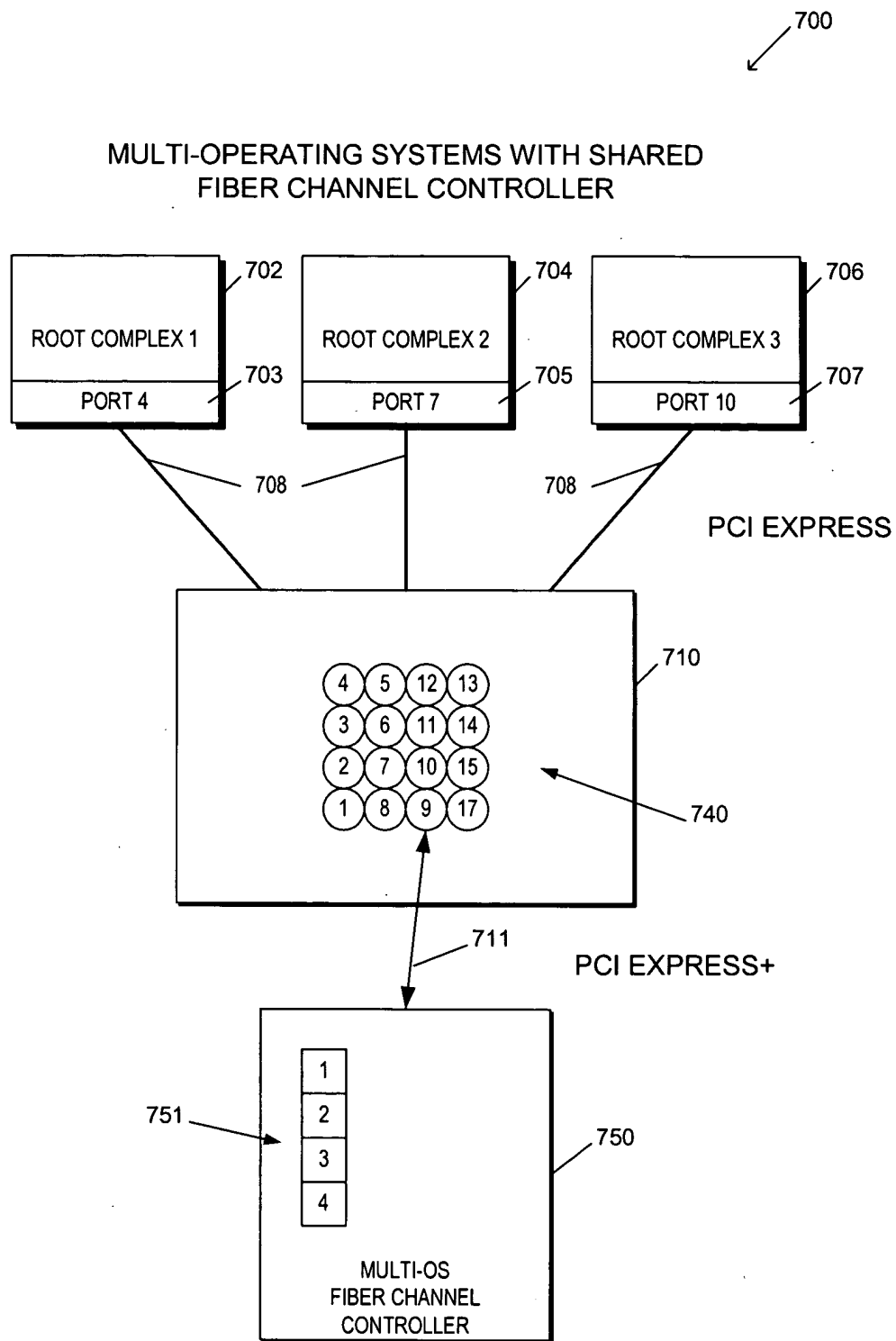


Fig. 8



800

MULTI-OPERATING SYSTEMS WITH SHARED OTHER CONTROLLER

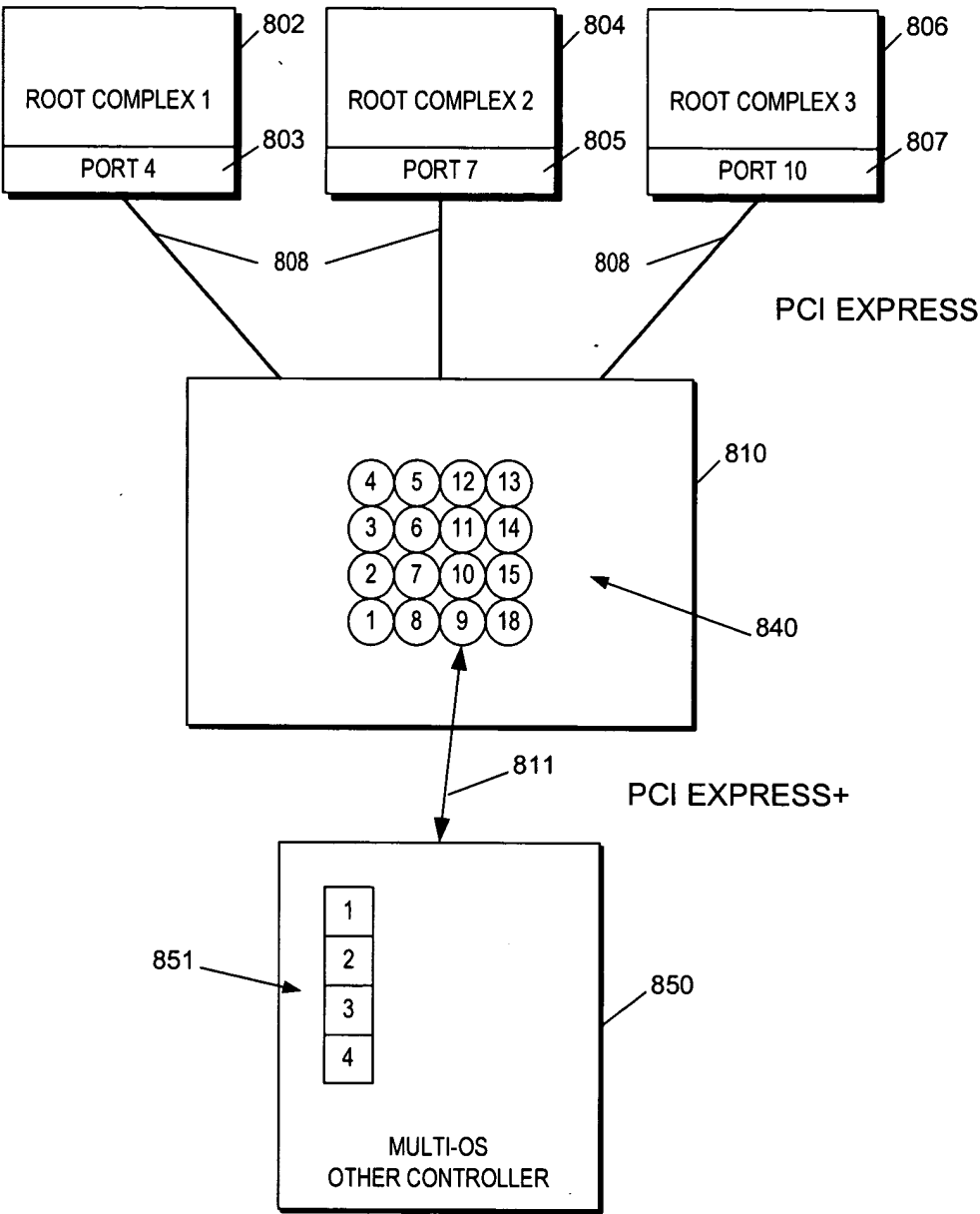


Fig. 9

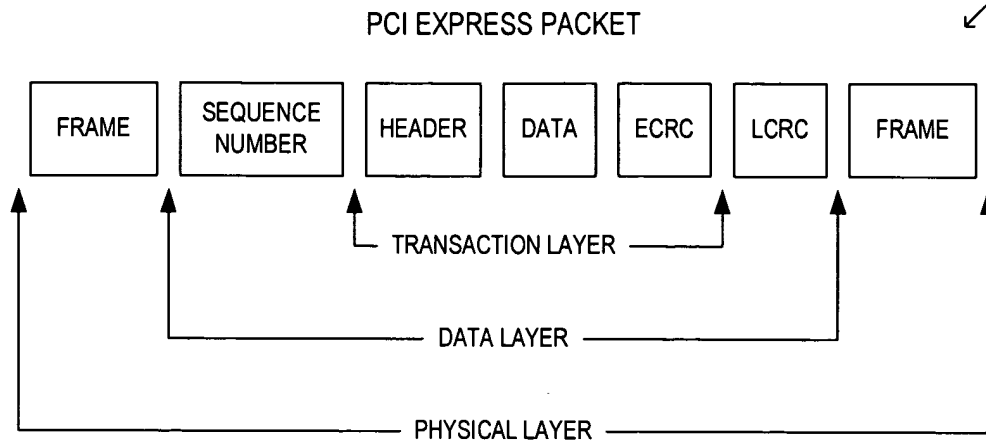


Fig. 10

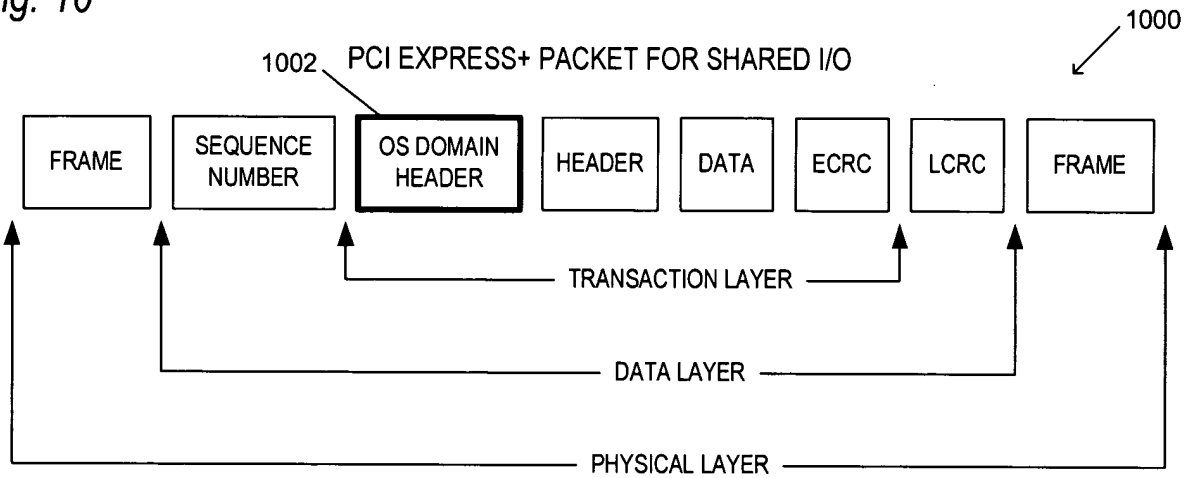
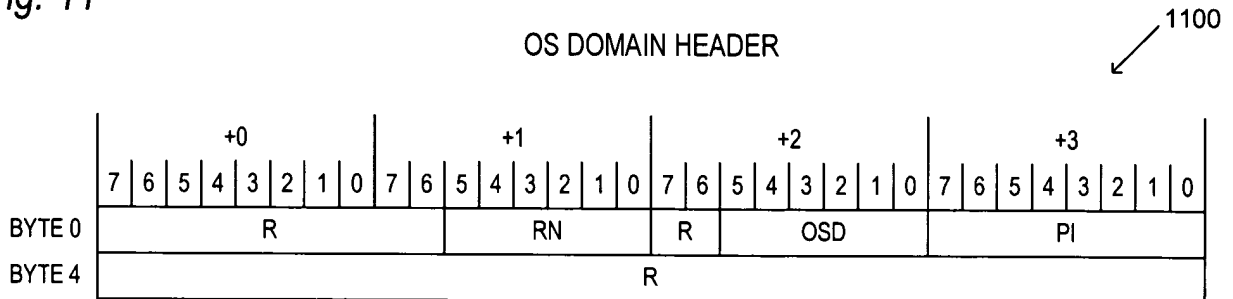


Fig. 11



- PI    Protocol ID Field
- OSD   OS Domain Number
- RN   Resource Number (which buffer the packet belongs to)
- R    reserved

Fig. 12 (Prior art)

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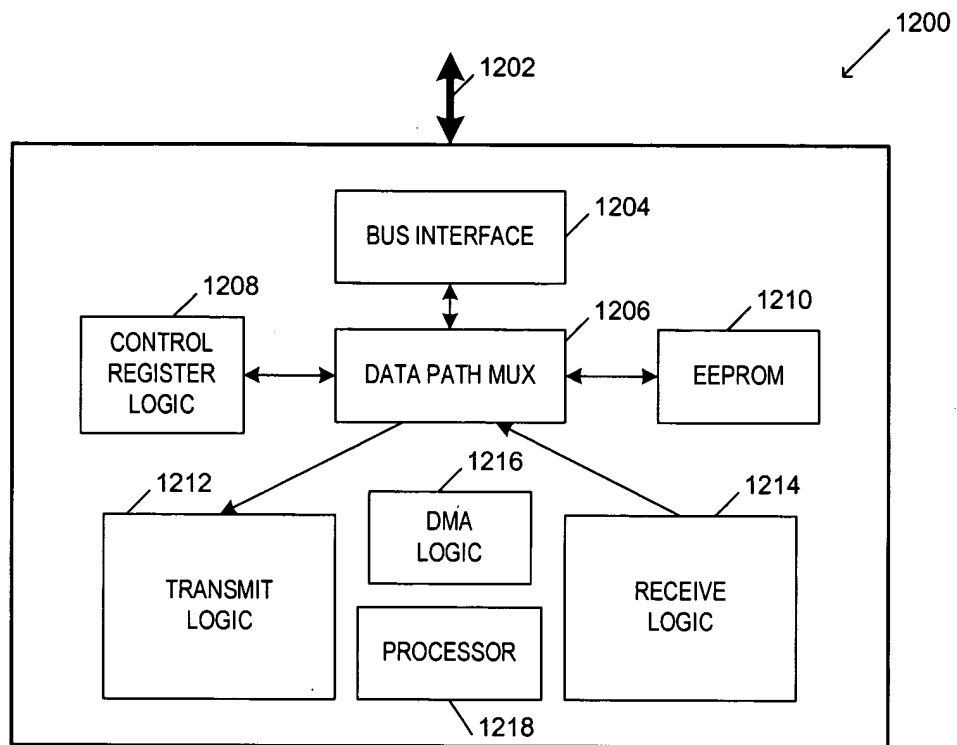


Fig. 13

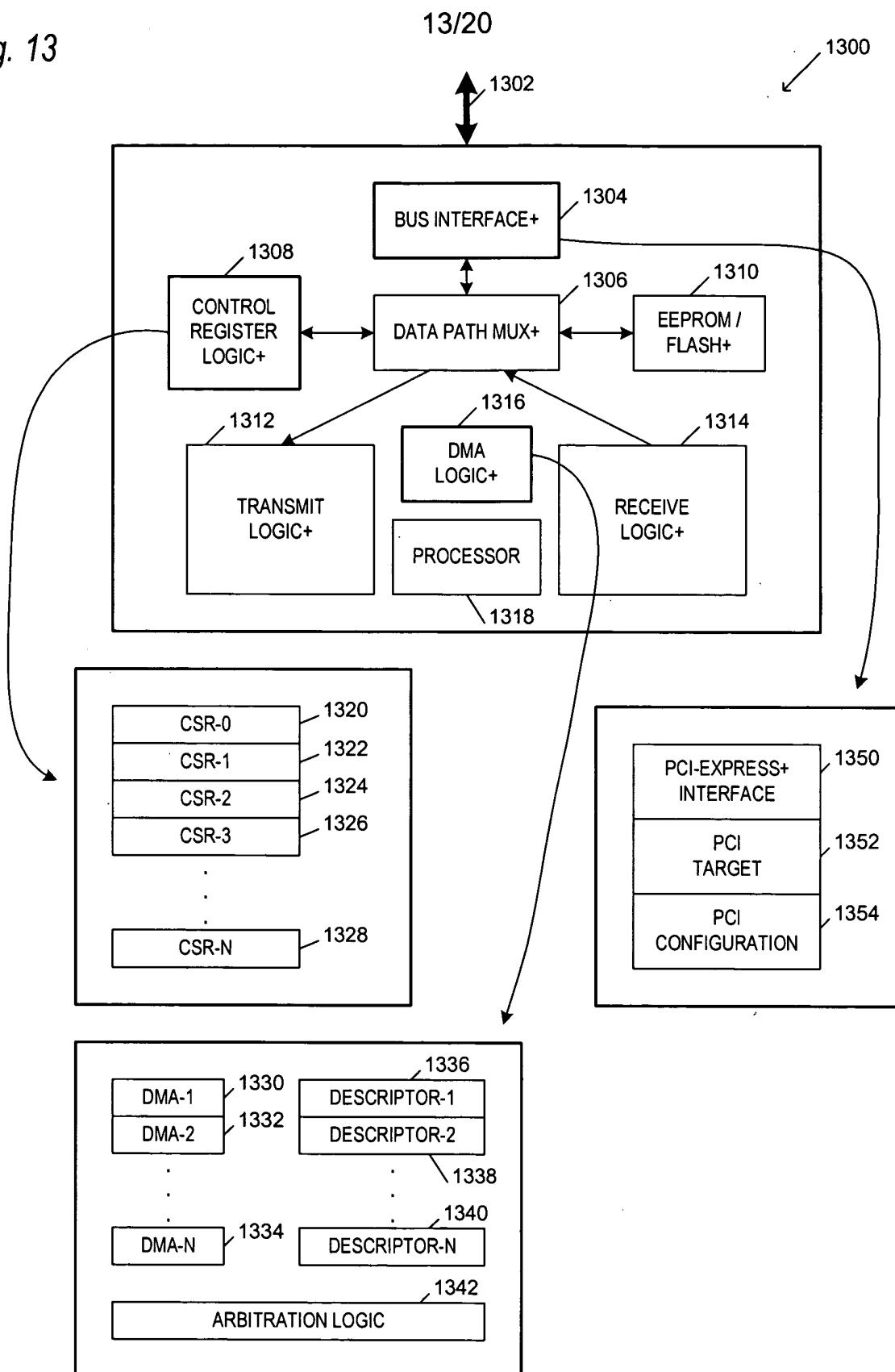


Fig. 14

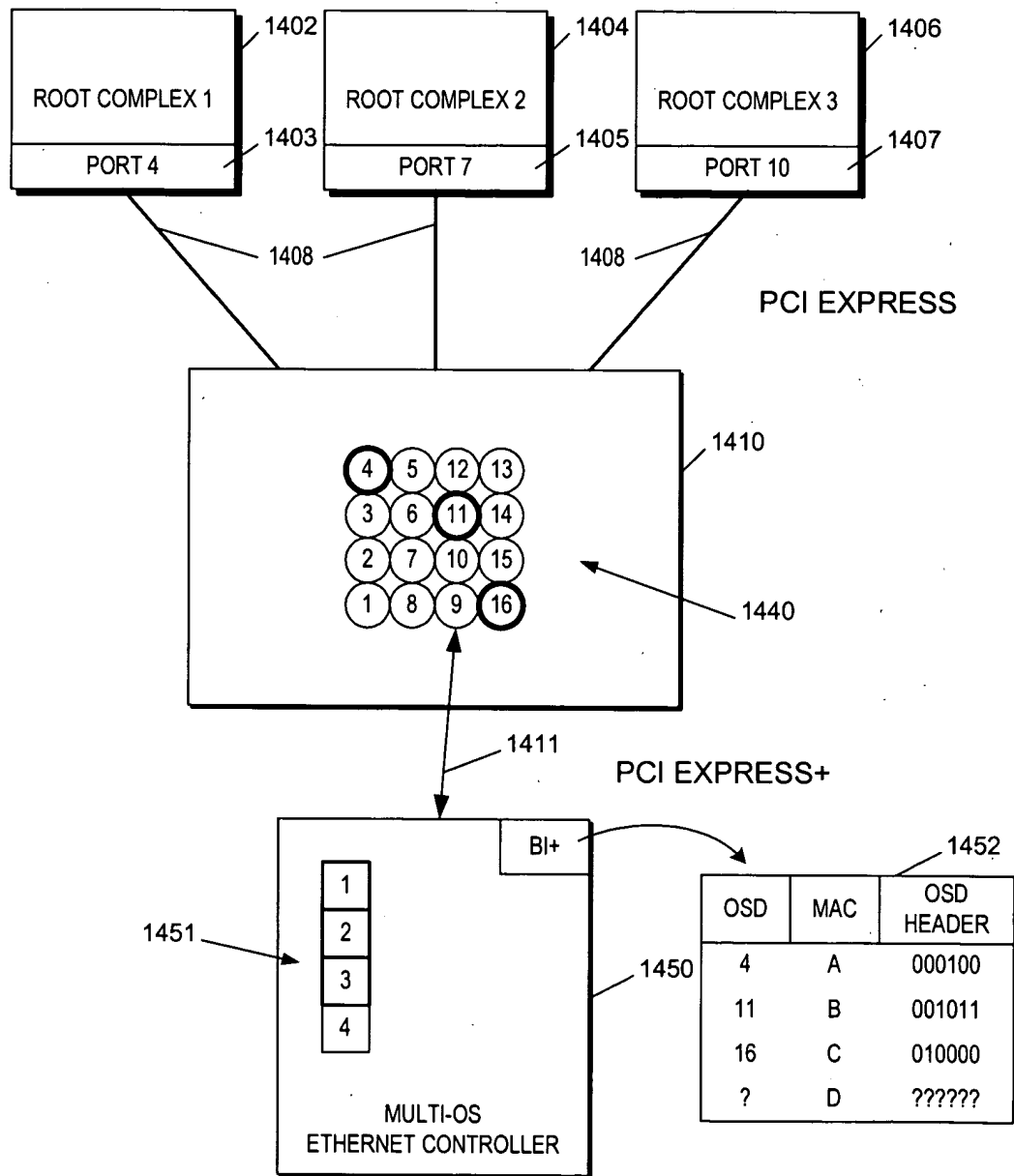
MULTI-OPERATING SYSTEMS WITH SHARED ETHERNET CONTROLLER  
PACKET FLOW EXAMPLE

Fig. 15

## METHOD OF SHARED I/O DOWNSTREAM TRANSMISSION FROM SWITCH

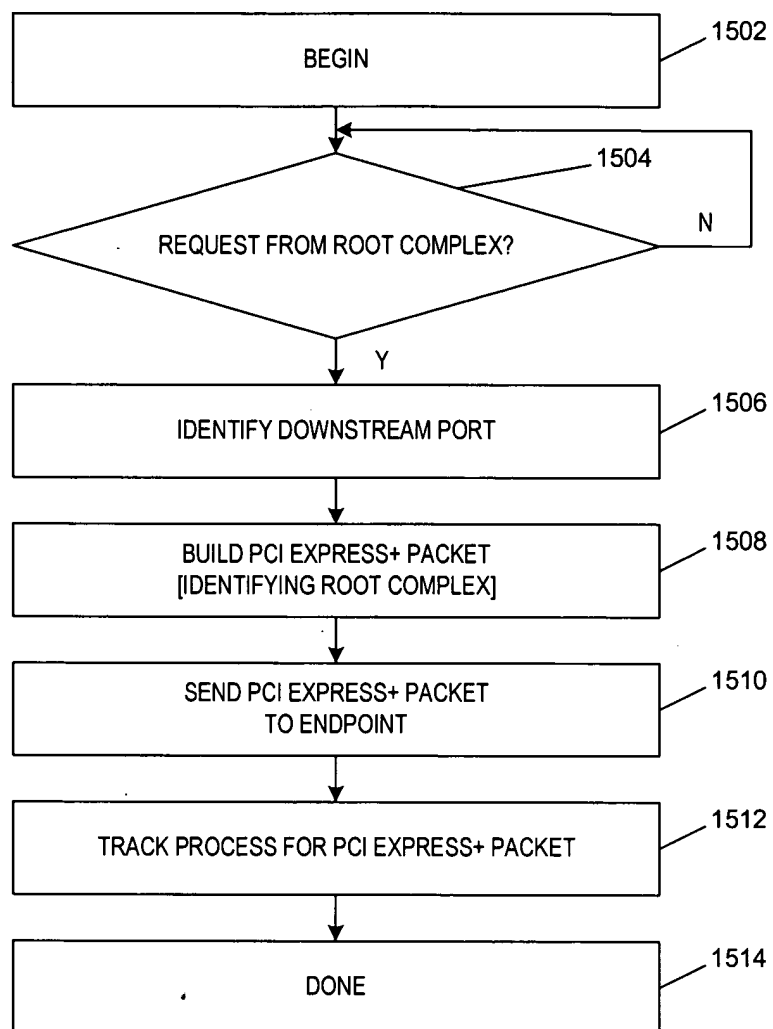


Fig. 16

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METHOD OF SHARED I/O UPSTREAM TRANSMISSION TO SWITCH

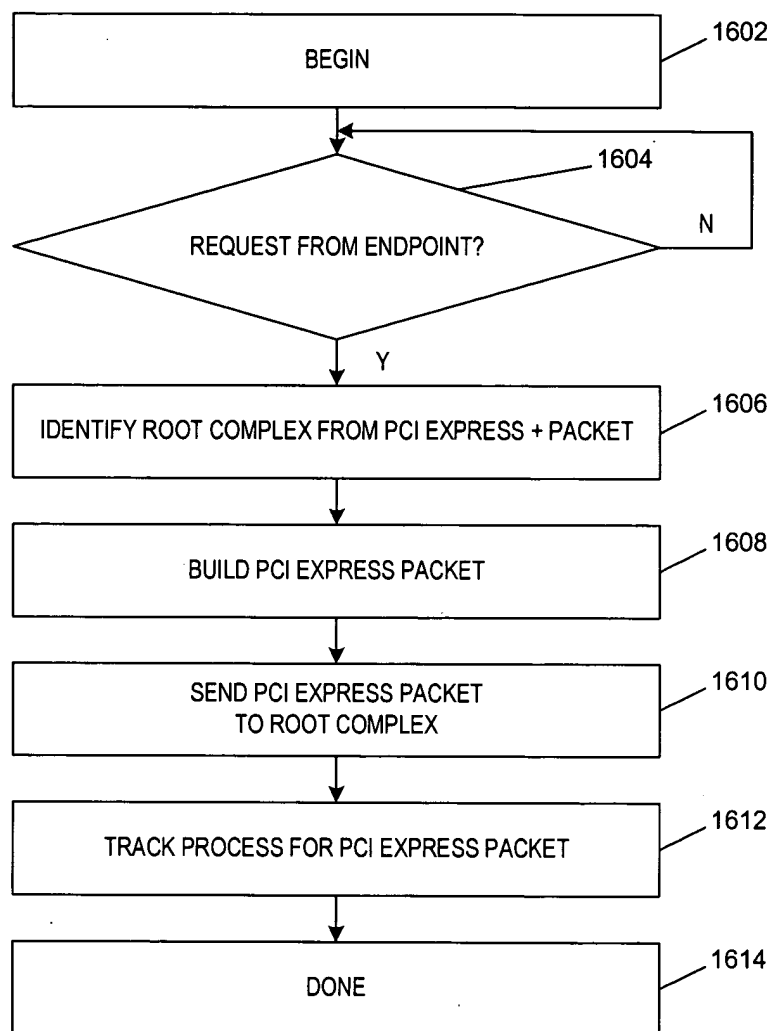




Fig. 17

## METHOD OF SHARED I/O DOWNSTREAM TRANSMISSION TO ENDPOINT

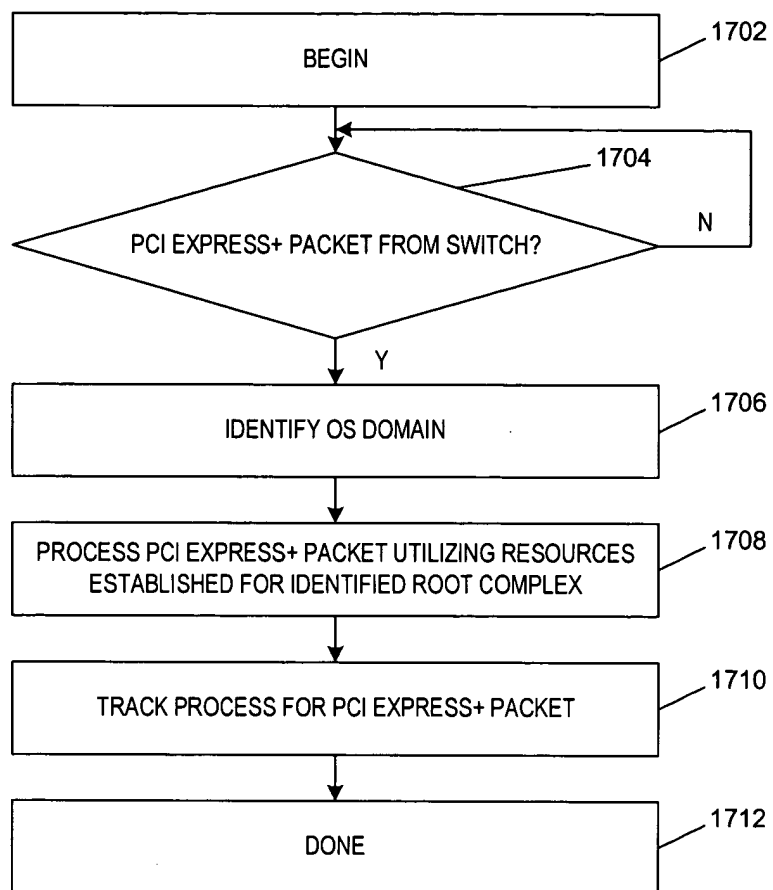


Fig. 18

## METHOD OF SHARED I/O UPSTREAM TRANSMISSION FROM ENDPOINT

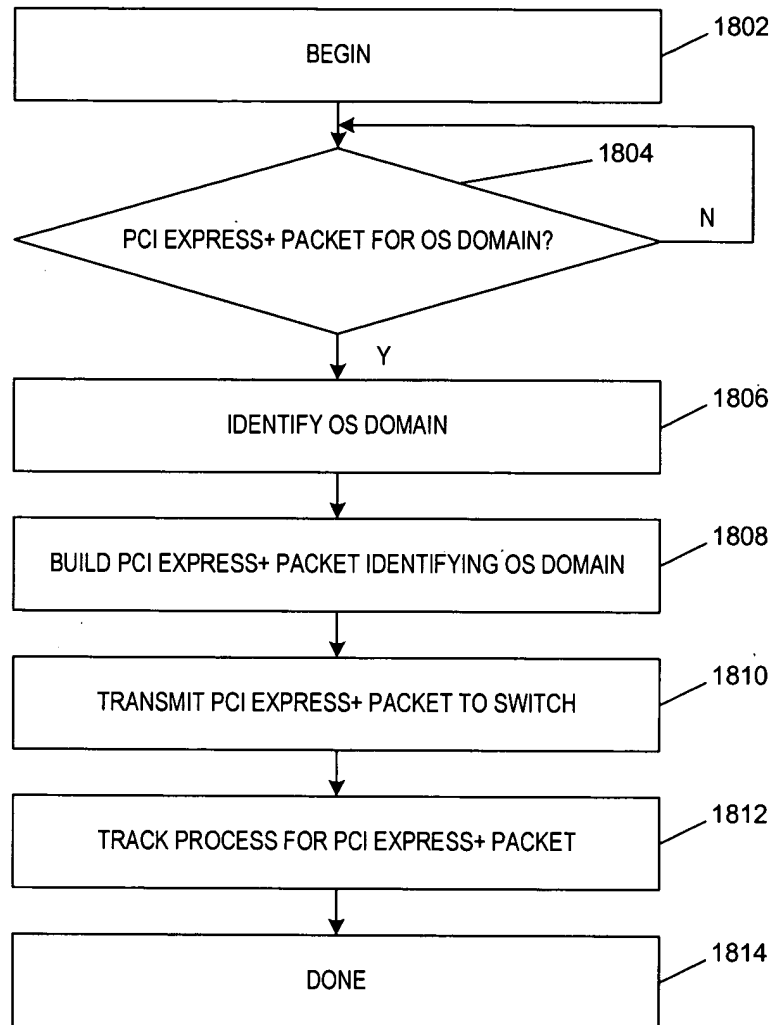
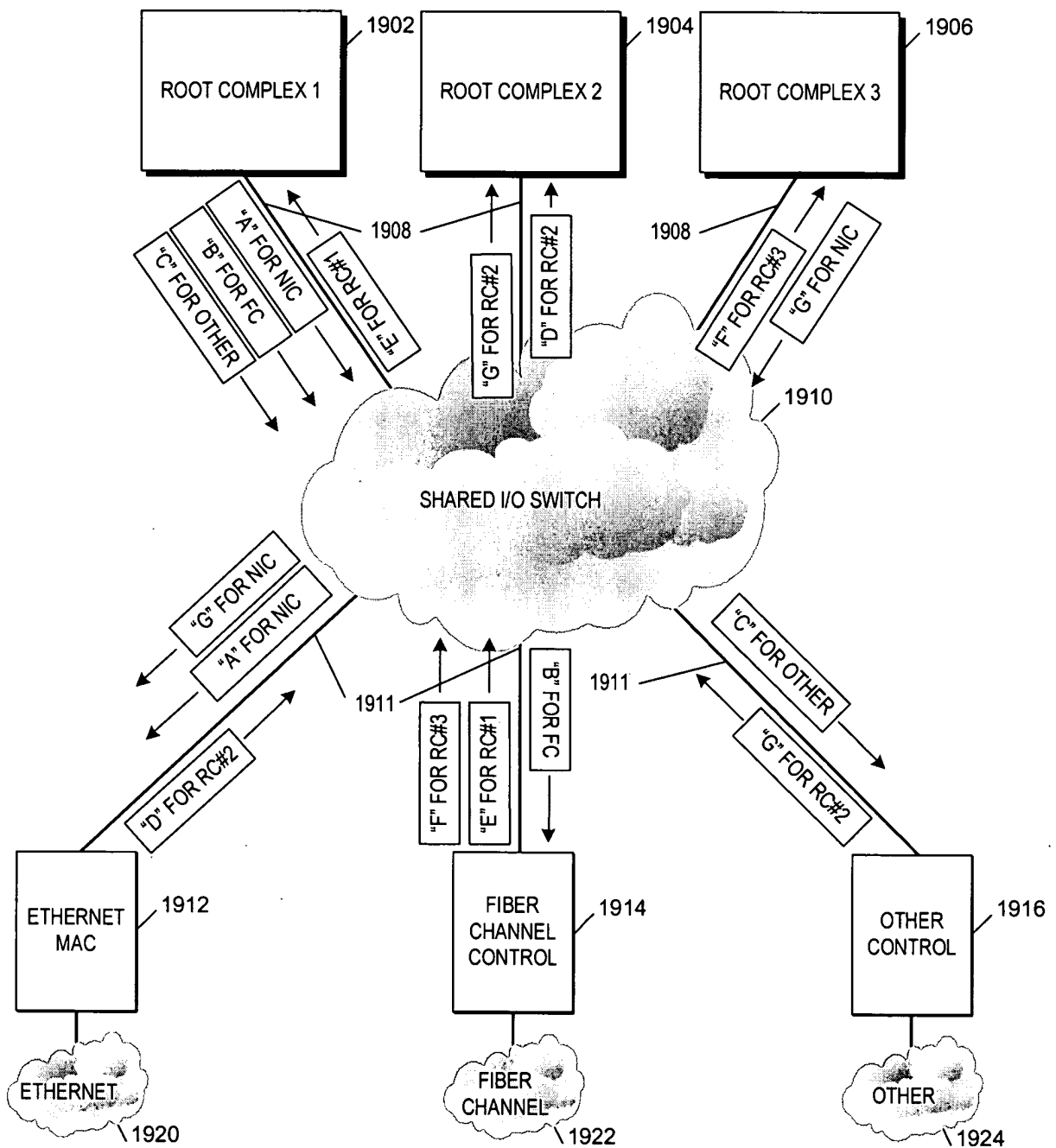


Fig. 19

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1900

# MULTI-OPERATING SYSTEMS WITH SHARED I/O



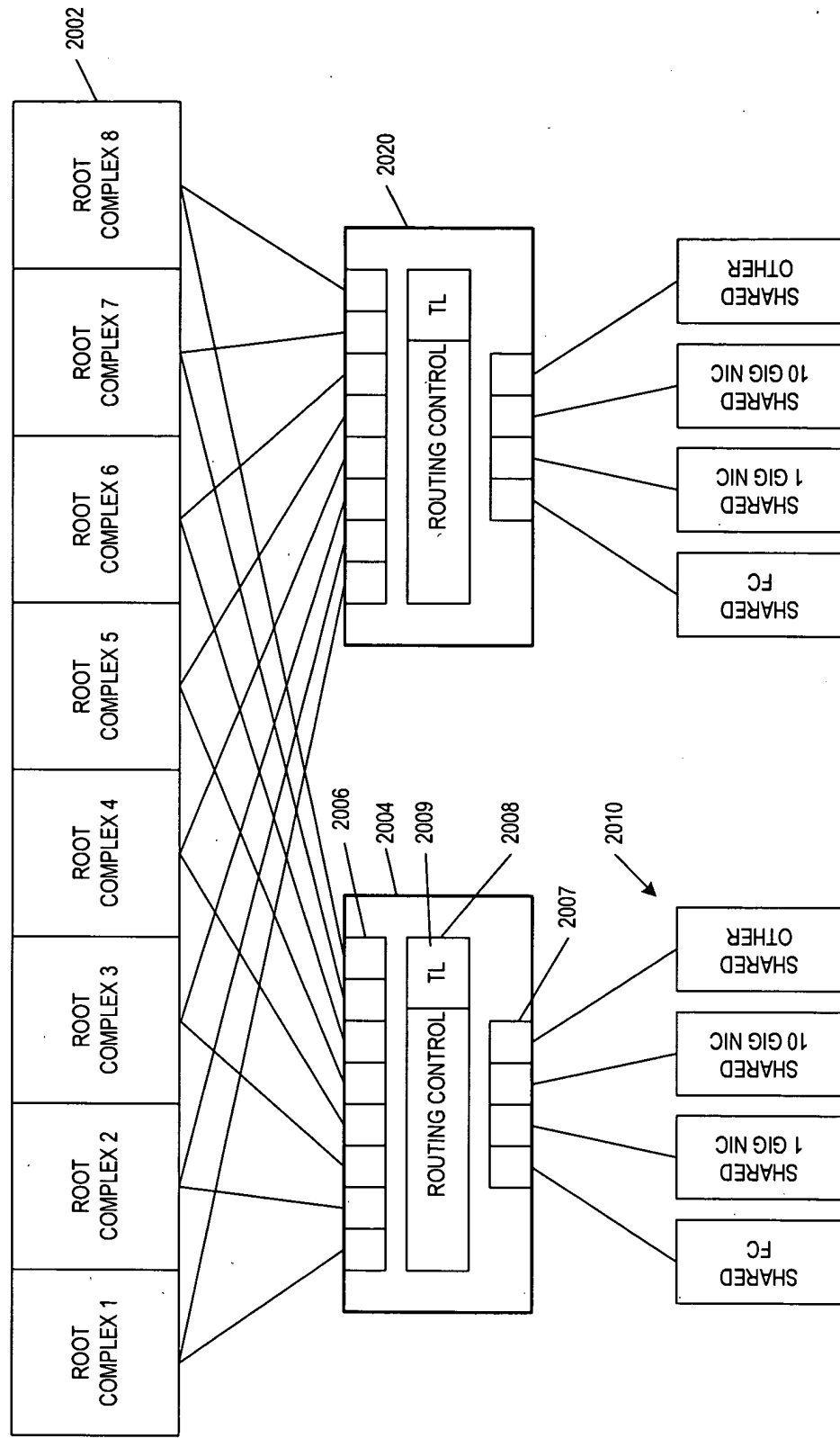
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Fig. 20

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2000

8 BLADE REDUNDANT ARCHITECTURE WITH SHARED I/O SWITCHES AND ENDPOINTS



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